



## **CarboEurope Project Meetings, 17-19 March, 2003 and CarboEurope Conference “The continental carbon cycle”, 19-21 March, 2003, Lisbon, Portugal**



### **Second Announcement and Call for Papers**

#### **Sponsors**

CarboEurope (<http://www.bgc-jena.mpg.de/public/carboeur/>)

Global Carbon Project (<http://www.globalcarbonproject.org>)

#### **Venue**

Gulbenkian Foundation (Fundação Calouste Gulbenkian), Lisbon

Av. de Berna, 45-A

1067-001 Lisboa

Phone: +351 21 782 3000

Fax: +351 21 782 3021

The venue is located in the centre of Lisbon, close to Praça de Espanha, inside a park.

<http://www.gulbenkian.pt/fundacao/sede.asp>

#### **Conference Objectives**

The conference aims to

- present to a wide scientific audience the results of three years of integrated European research, which pioneered the terrestrial carbon research in a number of areas,
- compare and discuss approaches and findings with parallel ongoing regional and international carbon research initiatives,
- enhance the integration of disciplines (biological, physical...) and ecosystems (land, ocean) in carbon research.

The conference is jointly organised with the Global Carbon Project.

#### **Target Audience**

Scientists and leaders of research programmes in the field of the terrestrial carbon cycle and carbon management in view of the Kyoto Protocol, consultants for certification of Kyoto projects, policy makers involved in climate change, land use, land use change and forestry.

#### **Call for poster abstracts**

Oral presentations will be invited.

Participants are encouraged to submit **abstracts for posters** on issues of

1. The terrestrial continental carbon budget (methodologies, results, uncertainties)
2. Process understanding – where does the carbon go?
3. Carbon management, full greenhouse gas budgets
4. Integrating carbon science in Europe and beyond

A short abstract of maximum 1 page should be sent to:

Annette Freibauer, [afreib@bgc-jena.mpg.de](mailto:afreib@bgc-jena.mpg.de).

The **deadline** for the submission of abstracts is **extended to February 15, 2003**.

Size of posters should not exceed 100cm of height and 80cm of width.

## Programme

### CarboEurope project meetings

**Coordination of Database Efforts within CarboEurope:** 18 March (afternoon), details: Reiner Krause, [rkrause@bgc-jena.mpg.de](mailto:rkrause@bgc-jena.mpg.de)

**CAMELS:** 19/03 (full day), details: Peter Cox, [pmcox@meto.gov.uk](mailto:pmcox@meto.gov.uk)

**Carbo-Invent:** 18-19/03 (full days)

Details: Bernhard Schlamadinger, [bernhard.schlamadinger@joanneum.at](mailto:bernhard.schlamadinger@joanneum.at)

**CHIOTTO:** 19/03 (afternoon), details: [a.vermeulen@ecn.nl](mailto:a.vermeulen@ecn.nl)

**FORCAST:** 19/03 (full day, to be confirmed), details: Detlef Schulze, [detlef.schulze@bgc-jena.mpg.de](mailto:detlef.schulze@bgc-jena.mpg.de)

**GREENGRASS:** 19/03 (afternoon), details: Jean-François Soussana, [soussana@valmont.clermont.inra.fr](mailto:soussana@valmont.clermont.inra.fr)

**LBA Carbonsink:** 19/03 (morning), details: Eddy Moors, [e.j.moors@alterra.wag-ur.nl](mailto:e.j.moors@alterra.wag-ur.nl)

**RECAB:** 19/03 (full day), details: Ronald Hutjes, [r.w.a.hutjes@alterra.wag-ur.nl](mailto:r.w.a.hutjes@alterra.wag-ur.nl)

**TCOS Siberia:** 17/03, 2 pm, to 19/03, 12 am, details: Martin Heimann, [martin.heimann@bgc-jena.mpg.de](mailto:martin.heimann@bgc-jena.mpg.de)

### CarboEurope Conference „The continental carbon cycle“

#### Wednesday, March 19, 2003: Informal start of conference

18:00 Early registration (Hotel Barcelona)

19:00 Icebreaker (Hotel Barcelona)

#### Thursday, March 20, 2003: Conference plenary (Gulbenkian Foundation)

08:00-09:00 Registration (Gulbenkian Foundation)

9:00-9:30 Welcome by Pedro Lynce, Minister of Science and Higher Education of Portugal

Scientific goals of conference

*Han Dolman*

09:30-10:45 **The terrestrial continental carbon budget**

11:15-12:30 *Conveners: Philippe Ciais, Riccardo Valentini*

Introduction - Comparison of NPP, NEP in Europe, Siberia and Amazonia

*Philippe Ciais, LSCE-CNRS Gif-sur-Yvette*

The terrestrial carbon budget of European countries – bottom-up view

*Ivan Janssens, University of Antwerp*

The terrestrial carbon budget of European countries – atmospheric view

*Leo Rivier, LSCE-CNRS Gif-sur-Yvette*

Scaling flux tower measurements to continental NEE estimates

*Dennis Baldocchi, University of California, Berkeley*

Increasing carbon uptake in the Northern hemisphere

*Ranga Myneni, free University of Amsterdam*

Feedbacks and interannual variability in the global carbon budget

*Peter Cox, Hadley Centre, Bracknell*

12:30-15:00 Lunch and poster session

15:00-16:30 **Process understanding – where does the carbon go?**

17:00-18:00 *Conveners: Han Dolman, Detlef Schulze*

Understanding the latitudinal trend in forest NEE

*Riccardo Valentini, University of Tuscia*

European spatially explicit carbon fluxes of cropland and grassland

*Natalie Denoblet, LSCE, Paris (invited)*

Uncertainties in the GHG balance of grasslands

*Jean-Francois Soussana, INRA Clermont-Ferrand*

Soil physical, chemical and biological mechanisms of carbon stabilization

*Georg Guggenberger, University Halle-Wittenberg*

Soil carbon losses by DOC and DIC leaching

*Jan Siemens, Technical University of Berlin*

18:00-18:30 **Projects about continental and global carbon cycling**

CarboEurope-GHG Concerted Action

*Riccardo Valentini, University of Tuscia*

Global Carbon Project

*Pep Canadell, GCP Executive Officer, CSIRO Land & Water, Canberra*

Evening Reception (Pavilhão de Exposições\_ Instituto Superior de Agronomia)

**Friday, March 21, 2003: Conference plenary (Gulbenkian Foundation)**

09:00-10:30 **Carbon management, GHG budgets**

11:00-12:00 *Conveners: John Grace, Jean-François Soussana*

Introduction - The total GHG effect of the forest cycle

*John Grace*

Options for carbon sequestration in forestry

*Richard Tipper, The Edinburgh Centre of Carbon Management (invited)*

Forest inventory and modelling system of the US

*Linda Heath, USDA Forest Service, Durham NH (invited)*

Carbon management and greenhouse gas mitigation options in agriculture. Results from plot and farm scale modelling

*Jørgen Eivind. Olesen, DIAS, Denmark*

Carbon sequestration potential in agricultural soils

*Pete Smith, University of Aberdeen (invited)*

Monitoring, verification and permanence of carbon sinks

*TBD*

12:00-13:30 Lunch and poster session

13:30-16:00 **Integrating carbon science in Europe and beyond**

*Convener: Martin Heimann*

Introduction - the challenge

*Martin Heimann*

The North American Carbon Plan

*Steve Wofsy (invited)*

Diagnostic and prognostic bottom-up modeling of the terrestrial, continental

carbon balance

*Wolfgang Cramer, Potsdam Institute for Climate Impact Research (invited)*

Carbon sinks in the North Atlantic and the European marginal seas

*Andy Watson, University of East Anglia, Norwich (invited)*

Remote sensing tools for upscaling

*Bernard Pinty, EC JRC, Ispra*

Data assimilation

*Wolfgang Knorr, Max-Planck-Institute for Biogeochemistry, Jena*

Research in the new CarboEurope IP - Summary and Discussion

*Han Dolman, Free University of Amsterdam*

### **Saturday, March 22, 2003: Optional excursions**

1. Half-day sightseeing tour through Lisbon (start 9 a.m.) - limit of 49 persons
2. Full-day visit tour to Lisbon and the Natural Park of Arrábida (9 a.m.-7 p.m.) - limit of 49 persons
3. Visit to Espirra Eucalypt plantation Carbon site (start 9 a.m.) with wine tasting included - limit of 25 persons

Further details about excursions will be provided at the conference.

### **Science committee**

Philippe Ciais, Peter Cox, Han Dolman, Annette Freibauer, John Grace, Martin Heimann, Pavel Kabat, Bernhard Schlamadinger, Detlef Schulze, Jean-François Soussana, Riccardo Valentini, Alex Vermeulen

### **Organizers**

CarboEurope office: Annette Freibauer, Yvonne Hofmann

Instituto Superior de Agronomia Universidade Tecnica de Lisboa: João S. Pereira, Carla Nogueira

### **Registration**

All participants should complete the Conference Registration Form at the end of this information package and send it by fax, mail or email to:

Yvonne Hofmann

Max-Planck-Institute for Biogeochemistry

P.O. Box 100164

D-07701 Jena / Germany

Fax ++49 3641 577100

Email yhofmann@bgc-jena.mpg.de

### **Registration Fee**

#### **CarboEurope project meetings**

**The participant's fee for project meetings on 17, 18, 19 March is 30 EURO per day.**

The participant's fee covers lunch and coffee breaks. Meeting rooms and technical facilities will be funded by CarboEurope.

#### **CarboEurope Conference „The continental carbon cycle“**

**The registration fee for the conference is 90 EURO.**

The Registration Fee covers attendance in all sessions, the lunches, coffee breaks and receptions. Meeting rooms, technical facilities and conference material will be funded by CarboEurope.

Advance payment of registration fees is required. Registration fees should be remitted in EURO by bank transfer to:

**Bank details:**

Name in account: Instituto Superior de Agronomia  
 BANK: Caixa Geral de Depósitos  
 SWIFT CODE: CGD-IPT-PL  
 NIB (bank account number): 003500270007804753096  
 Address: Rua Prior do Crato nº 60-A  
 1250 lisboa  
 REFERENCE: CARBOEUROPE MEETING

**On-site registration**

The registration desk will be open on Wednesday, 19<sup>th</sup> of March, 6-9 p.m. in Hotel Barcelona, Thursday, 20<sup>th</sup> of March, 8 a.m. – 6 p.m. in Gulbenkian Foundation, Friday, 21<sup>st</sup> of March, 9-12 a.m. in Gulbenkian Foundation

**Accommodation**

The participants are expected to make their own hotel reservations. Pre-reservations have been made in three hotels nearby and we recommend the participants to accommodate in one of these. Participants should mention „CarboEurope“ when making the reservation. Reservations are possible by phone, fax or e-mail. Rooms are pre-reserved until 31<sup>st</sup> of January, 2003. Afterwards rooms will be available according to vacancy situation.

Hotel Barcelona**** Rua Laura Alves, 12-1º 1050-138 Lisboa Phone +351 21 795 42 82 Fax +351 21 795 42 81 Email reservas@3khoteis.com  Price in €: Single: 53 / 60 Double: 64  Guarantee: credit card number and the expiration date	Holiday Inn Lisboa-Continental **** Rua Laura Alves, 9 1069-169 Lisboa Phone +351 21 004 60 46 Fax +351 21 796 21 30 Email alexandra@grupo_continental.com Or rosalia@grupo_continental.com  Price in €: Single: 85 Double: 95	Hotel Zurique*** Rua Ivone Silva, 18 1050 – 124 Lisboa Phone ++351 21 781 40 03 Fax ++351 21 793 72 90 Email hotelzurique@viphotels.com  Price in €: Single: 58 Double: 69
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\* Prices may be subject to change.

**Passport and Visa requirements**

Passport and Visa requirements can be found at <http://geo.ya.com/travelimages/pt-visa.html>

**Weather conditions**

Weather in Portugal is very unstable. Normally in March it is quite warm, around 15°C, but there might be some rain. Check one of the sites below:

<http://www.atl-turismolisboa.pt/weather.htm>

<http://www.veloz-plus.com/wther-e.htm>

**Information on Lisbon and Portugal (in English)**

<http://www.cm-lisboa.pt/turismo/>  
<http://www.atl-turismolisboa.pt/>  
<http://www.lonelyplanet.com/destinations/europe/lisbon/>  
<http://www.lonelyplanet.com/destinations/europe/portugal/>  
<http://www.wtgonline.com/data/prt/prt.asp>

**Further Information**

Information about programme and poster sessions will be regularly updated at the CarboEurope homepage: <http://www.bgc-jena.mpg.de/public/carboeur/>

**REGISTRATION**

**CarboEurope Conference “The continental carbon cycle”, 19-21 March, 2003, Lisbon**

First name(s) .....  
Last name .....  
Organisation .....  
Mailing address.....  
City .....  
Country .....  
Zip-code .....  
Phone .....  
Fax .....  
E-mail .....

Please send the completed form by e-mail, fax or mail to [yhofmann@bgc-jena.mpg.de](mailto:yhofmann@bgc-jena.mpg.de)